

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086422.D
 Acq On : 29 Apr 2025 03:20
 Operator : JC\MD
 Sample : PB167744TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 03:42:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	176402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128057	50.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	86856	55.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.140%			
50) Toluene-d8	10.565	98	431508	51.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.847	95	158800	51.647	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.300%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	60572	64.249	ug/l	94
18) Methyl Acetate	5.030	43	3707	1.207	ug/l #	69
20) Methylene Chloride	5.277	84	2675	1.131	ug/l	89
43) Isopropyl Acetate	8.682	43	34675m	4.034	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

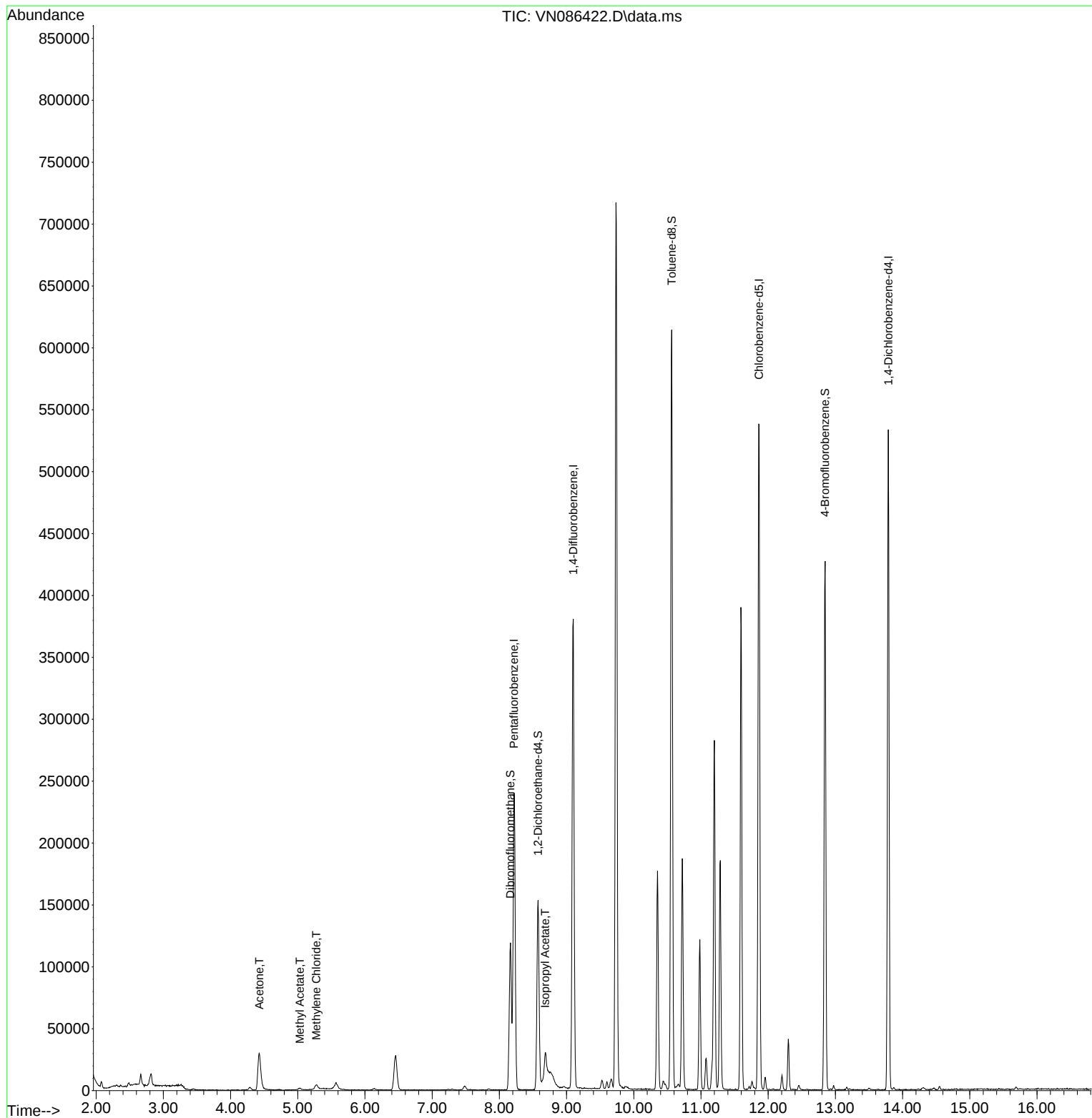
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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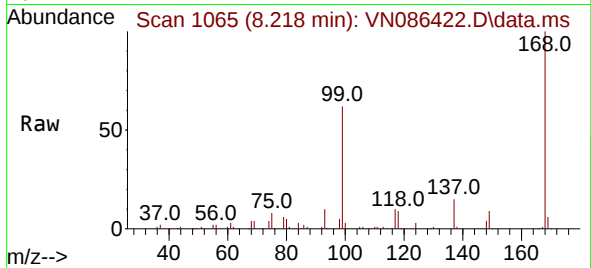
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

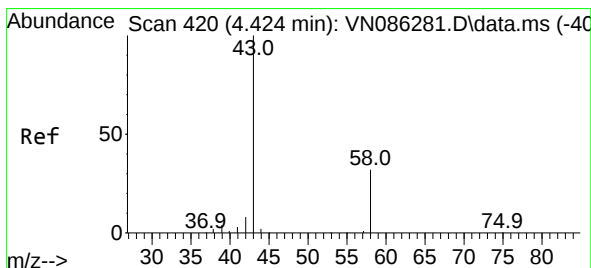
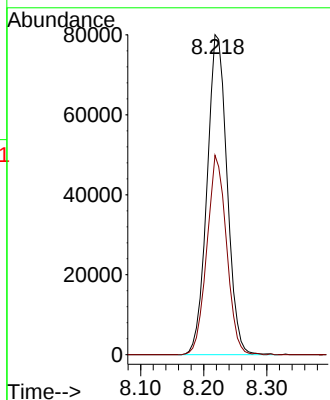
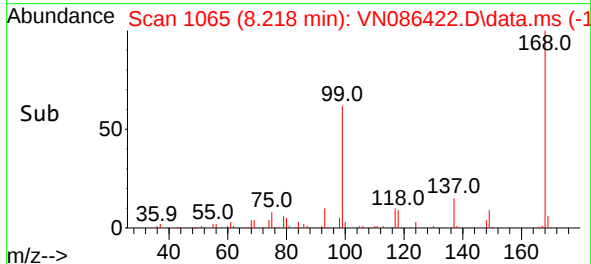
Instrument :
MSVOA_N
ClientSampleId :
PB167744TB



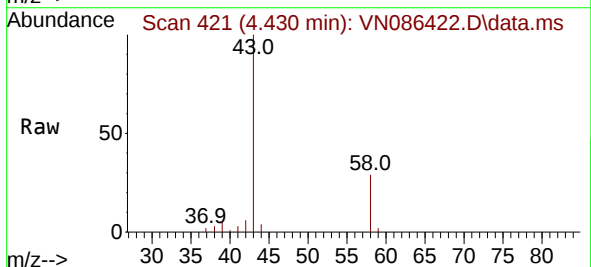
Tgt Ion:168 Resp: 176402
Ion Ratio Lower Upper
168 100
99 62.3 52.5 78.7

Manual Integrations
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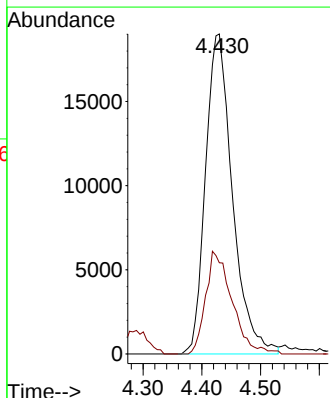
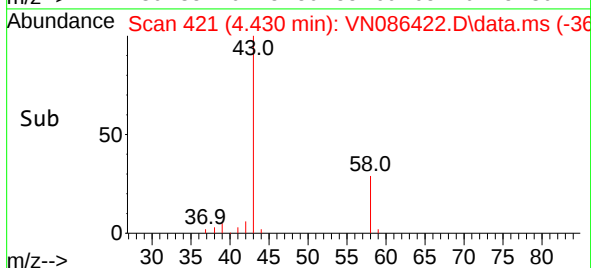
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 64.249 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20



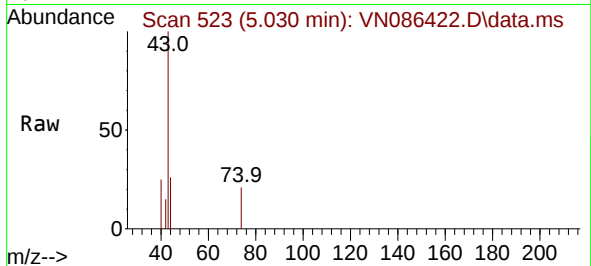
Tgt Ion: 43 Resp: 60572
Ion Ratio Lower Upper
43 100
58 28.5 25.3 37.9





#18
Methyl Acetate
Concen: 1.207 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

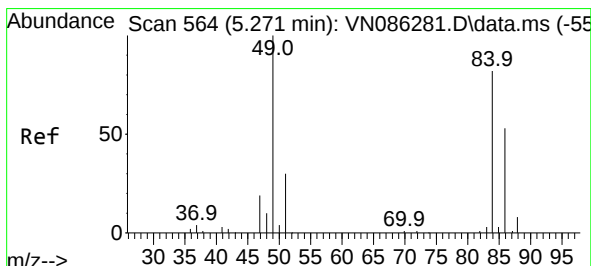
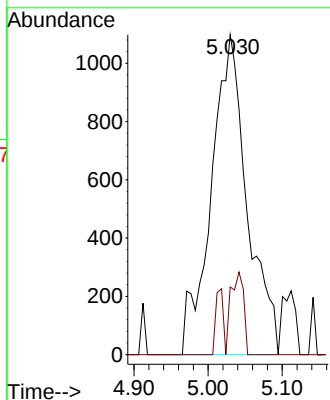
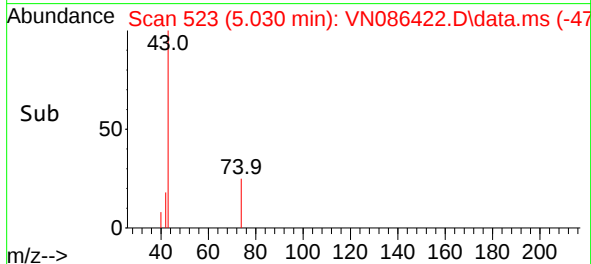
Instrument :
MSVOA_N
ClientSampleId :
PB167744TB



Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 9.1 19.8 29.6

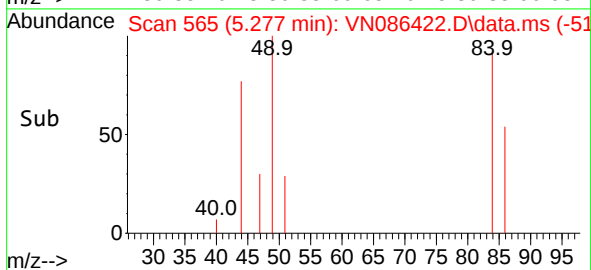
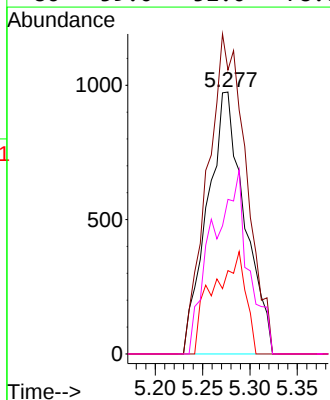
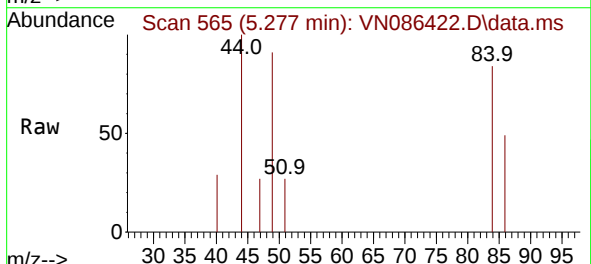
Manual Integrations
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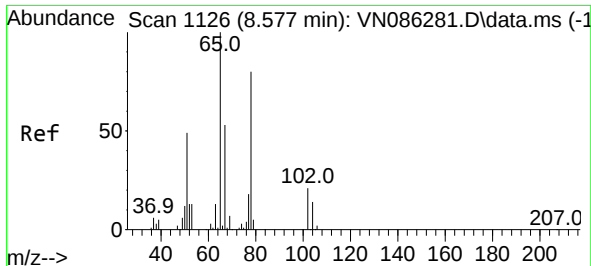
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.131 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

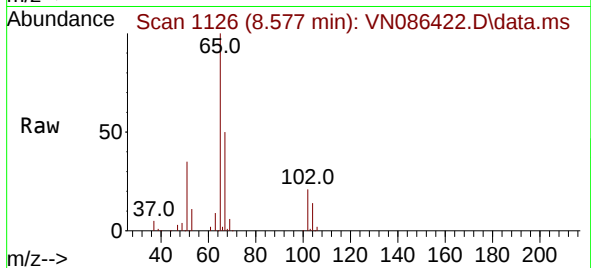
Tgt Ion: 84 Resp: 2675
Ion Ratio Lower Upper
84 100
49 108.4 98.2 147.2
51 31.8 29.8 44.6
86 59.0 52.0 78.0





#33
1,2-Dichloroethane-d4
Concen: 50.062 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

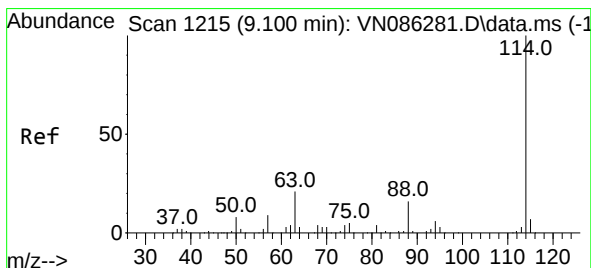
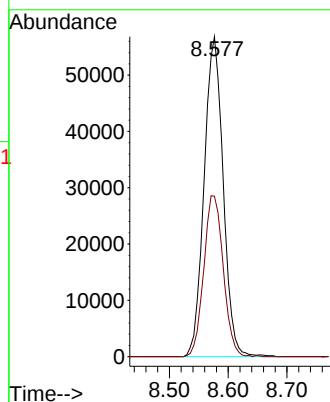
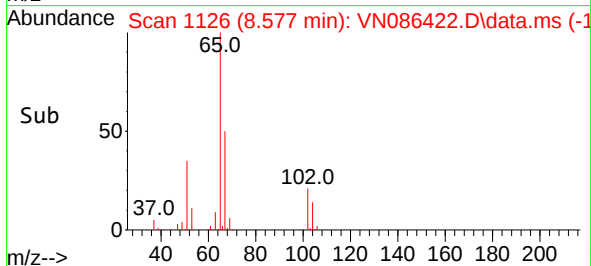
Instrument :
MSVOA_N
ClientSampleId :
PB167744TB



Tgt Ion: 65 Resp: 12805
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

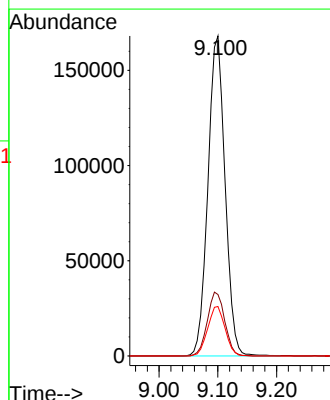
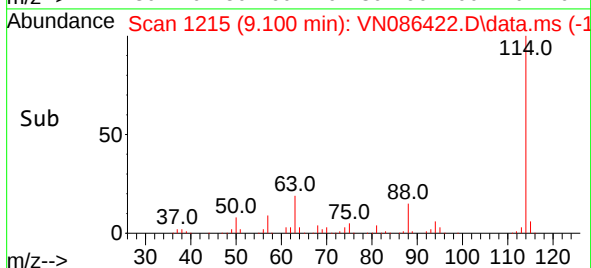
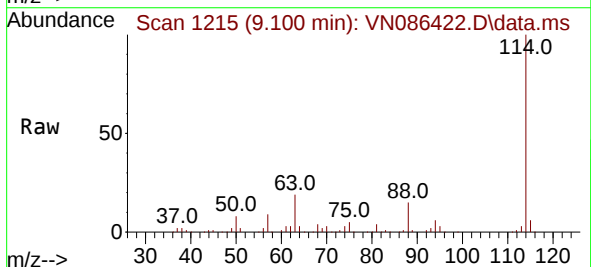
Manual Integrations
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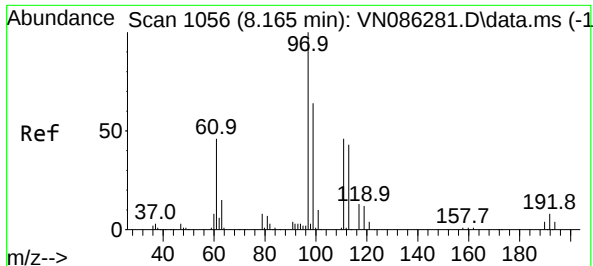
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

Tgt Ion:114 Resp: 339849
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.067 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086422.D

Acq: 29 Apr 2025 03:20

Instrument :

MSVOA_N

ClientSampleId :

PB167744TB

Tgt Ion: 113 Resp: 8685

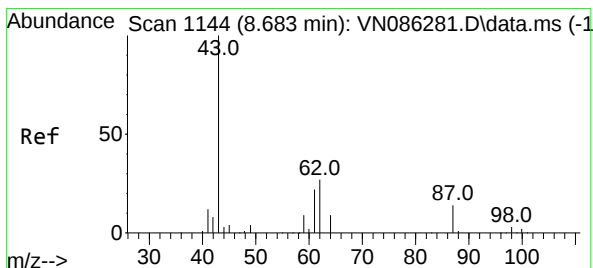
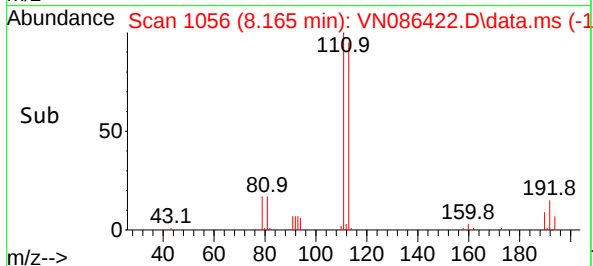
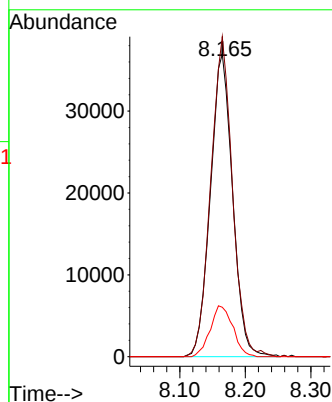
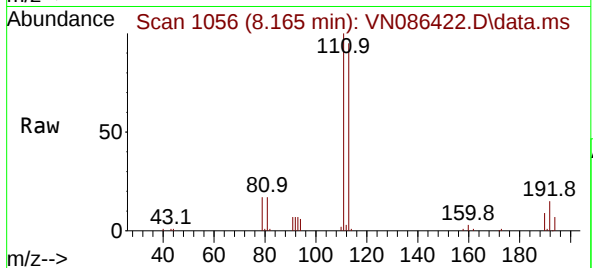
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	17.2	13.7	20.5

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/29/2025



#43

Isopropyl Acetate

Concen: 4.034 ug/l m

RT: 8.682 min Scan# 1144

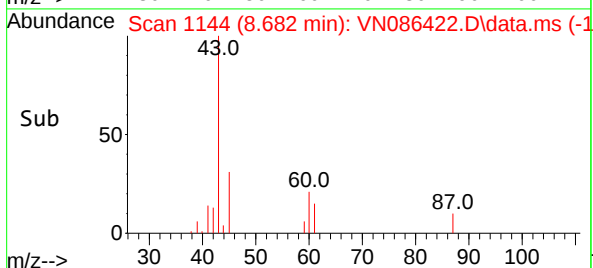
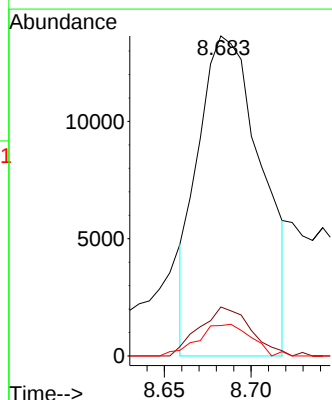
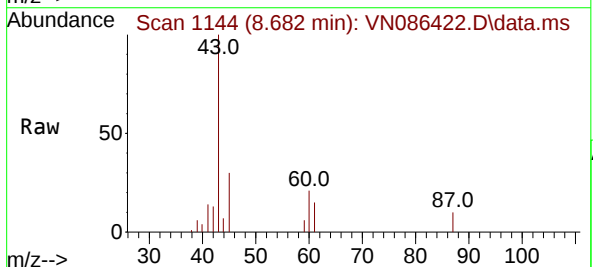
Delta R.T. -0.001 min

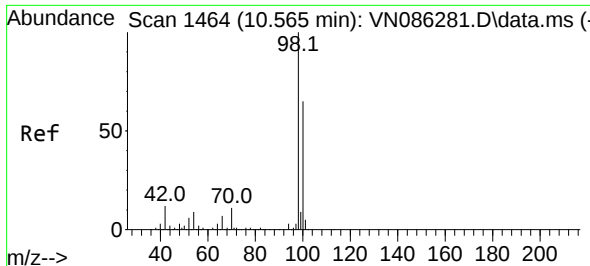
Lab File: VN086422.D

Acq: 29 Apr 2025 03:20

Tgt Ion: 43 Resp: 34675

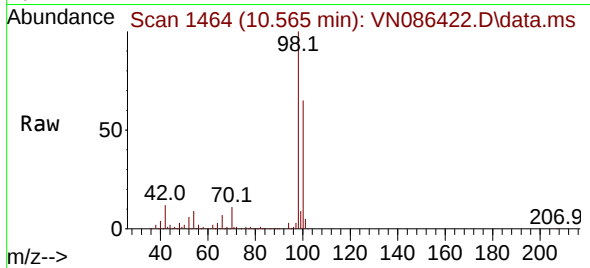
Ion	Ratio	Lower	Upper
43	100		
61	12.5	20.5	30.7#
87	8.3	10.5	15.7#





#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

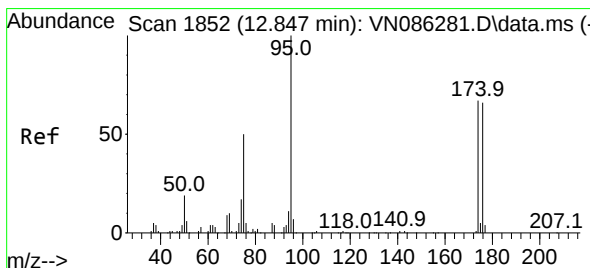
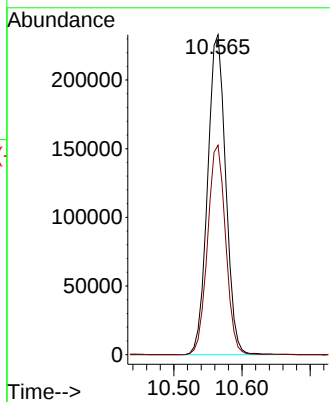
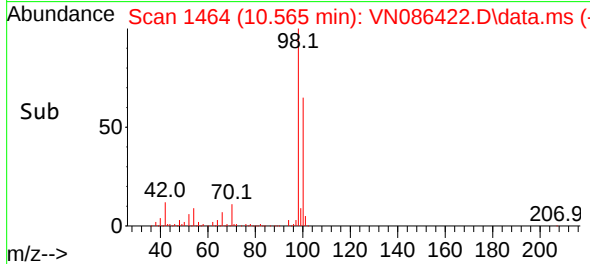
Instrument :
MSVOA_N
ClientSampleId :
PB167744TB



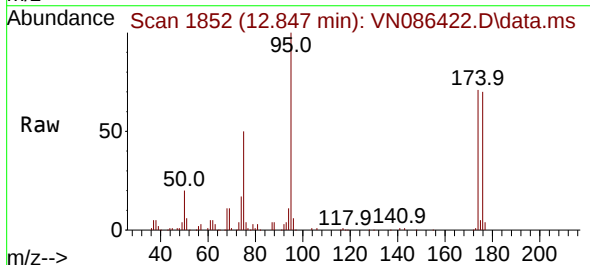
Tgt Ion: 98 Resp: 431508
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

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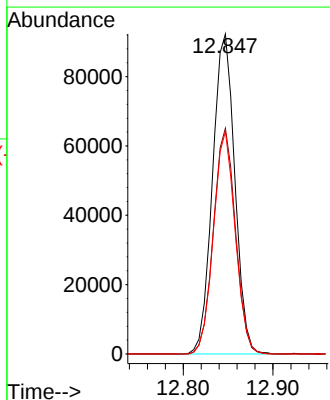
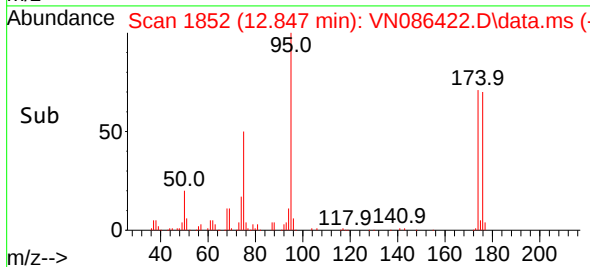
Reviewed By :John Carlone 04/29/2025
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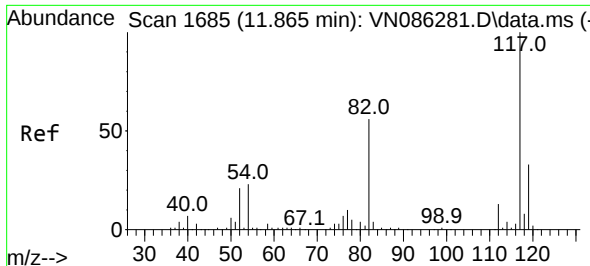


#62
4-Bromofluorobenzene
Concen: 51.647 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20



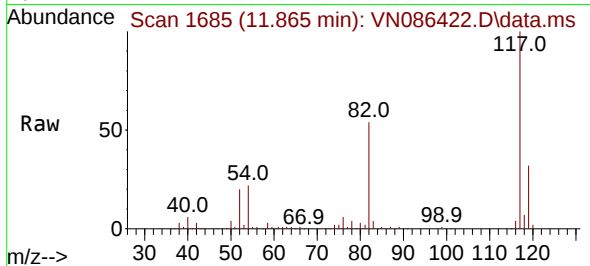
Tgt Ion: 95 Resp: 158800
Ion Ratio Lower Upper
95 100
174 69.8 0.0 133.4
176 68.0 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20

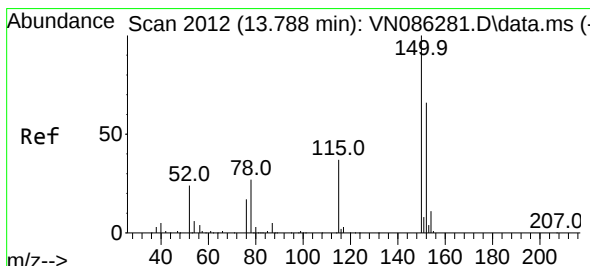
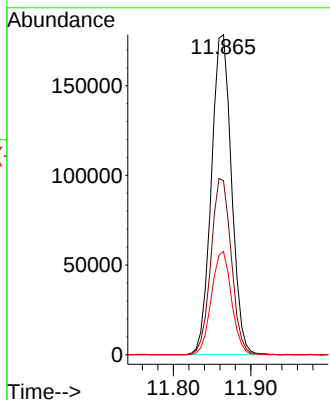
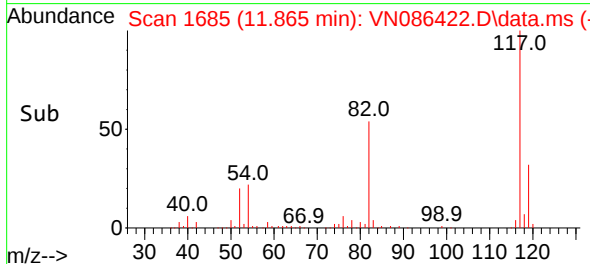
Instrument :
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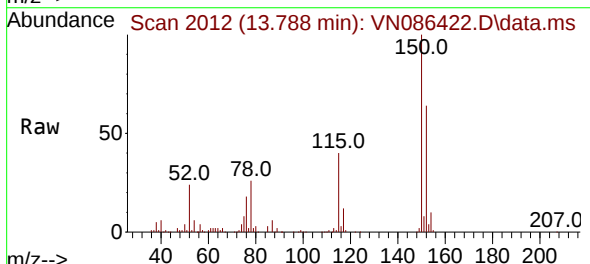
Tgt Ion:117 Resp: 323035
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 32.3 26.4 39.6

Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086422.D
Acq: 29 Apr 2025 03:20



Tgt Ion:152 Resp: 141231
Ion Ratio Lower Upper
152 100
115 62.0 31.9 95.9
150 159.4 0.0 352.0

